

FORM PTO-1449		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. P23820		Application No. 10/623,643	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				Applicant Hiroyuki KOBAYASHI et al.			
				Filing Date July 22, 2003		Group 5185	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	1	"Diagnostic Imaging in 3 Easy Steps," date unknown.					
	2	"The Heidelberg pH Capsule System Telemetric Fasting Gastric Analysis," date unknown.					
	3	FRITSCHER-RAVENS et al., "The Wireless Capsule: New Light in the Darkness," Digestive Diseases, Vol. 20, No.2, 2002.					
	4	Bio-Medical Telemetry: Sensing and transmitting Biological Information from Animals and Man, R. Stuart Mackay, John Wiley and Sons, New York, 1970, pp. 244-245.					
	5	Evan et al., "Studies of the Human Gastro-Intestinal Tract in the Ambulatory Subject using the pressure sensitive radiotelemetry capsule."					
	6	LANGE et al. "Heidelberger Kapsel – ein Kleinstesender für die pH-Messung im Magen," Telefunk-Zeitung, Vol. 36, No. 5, 1963, pp. 265-270.					
	7	Manual of Photogrammetry, Vol. 1, Third Edition, American Society of Photogrammetry, 1966, pp. 812-813.					
	8	P. SWAIN, "Wireless Capsule Endoscopy," Gut, Vol. 52 (Suppl. IV), 2003, iv48-iv50.					
	9	ROWLANDS et al., "The Radio Pill: Telemetry from the Digestive Tract," British Communications and Electronics, August 1960, pp. 598-601.					
	10	LEUNG et al., "Wireless Capsule Endoscopy in Chinese Patients with Suspected Small Bowel Diseases," Hong Kong Med J. Vol. 10, 2004, pp. 179-183.					
	11	YARBROUGH III et al., "Evaluation of the Heidelberg pH Capsule: Method of Tubeless Gastric Analysis," The American Journal of Surgery, Vol. 117, Feb. 1969, pp. 185-192.					
	12	English language Abstract of JP 2-159254.					
	13	English language Abstract of JP 2-36849.					
	14	English language Abstract of JP 3-136636.					
	15	English language Abstract of JP 5-15515.					
	16	English language Abstract of JP 5-7573.					
	17	English language Abstract of JP 11-341338.					
	18	English language Abstract of JP 57-45833.					
	19	English language Abstract of JP 61-122845.					
	20	English language Abstract of JP 62-240038.					
EXAMINER <i>B. FLANAGAN</i>				DATE CONSIDERED <i>8/29/05</i>			
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							YES	NO
B.F.		0 2 4 8 8 6 7	02/27/91	E.P.O				
		2 6 0 6 0 6 9	09/02/76	GERMANY				
		2 6 2 9 4 2 9	02/07/80	GERMANY				
		3 4 4 0 1 7 7	11/02/84	GERMANY				
		4 0 3 7 5 8 6	05/27/92	GERMANY				
	87	/ 0 3 4 6 5	06/18/87	W.I.P.O				
	89	/ 0 1 7 2 2	02/23/89	W.I.P.O				
	92	/ 1 9 1 4 8	11/12/92	W.I.P.O				
	92	/ 2 1 3 0 7	12/10/92	W.I.P.O				
	94	/ 0 5 2 0 0	03/17/94	W.I.P.O				
	2	- 1 5 9 2 5 4	02/06/90	JAPAN				
	2	- 3 6 8 4 9	02/06/90	JAPAN				
	3	- 1 3 6 6 3 6	11/06/91	JAPAN				
	3	- 2 8 9 7 7 9	12/19/91	JAPAN				X
	4	- 1 0 9 9 2 7	04/10/92	JAPAN				X
	4	- 1 4 4 5 3 3	05/19/92	JAPAN				X
	4	- 1 8 0 7 3 6	06/26/92	JAPAN				X
	5	- 0 1 5 5 1 5	01/26/93	JAPAN				X
	5	0 0 7 5 7 3	01/19/93	JAPAN				
	6	- 1 1 4 0 3 7	04/26/94	JAPAN				X
6	- 1 4 2 0 8 1	05/24/94	JAPAN				X	
6	- 2 8 5 0 4 4	10/11/94	JAPAN				X	
7	- 1 1 1 9 8 5	05/02/95	JAPAN				X	
11	- 3 4 1 3 3 8	12/10/99	JAPAN					
57	- 4 5 8 3 3	03/16/82	JAPAN					
61	- 1 2 2 8 4 5	06/10/86	JAPAN					
62	- 2 4 0 0 3 8	10/20/87	JAPAN					
✓		1 8 2 7 1 6 7	07/15/93	SOVIET				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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<i>BJ</i>	3 4 6 5 1 0 3	9/02/69	T. J. LYNCH			
	3 5 7 2 3 1 6	03/23/71	J. H. VOGELMAN et al.			
	3 6 8 2 1 6 0	08/08/72	MURATA			
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	3 9 3 3 6 1 2	01/20/76	FISCHER et al.			
	3 9 7 1 3 6 2	07/27/76	POPO et al.			
	4 0 2 7 5 1 0	06/07/77	HITEBRANDT			
	4 0 9 0 1 7 6	05/16/78	RODLER			
	4 1 7 7 8 0 0	12/11/79	ENGER			
	4 1 9 8 9 6 0	04/22/80	UTSUGI			
	4 2 1 7 0 4 5	08/12/80	ZISKIND			
	4 2 6 2 6 3 2	04/21/81	HANTON et al.			
	4 4 3 9 1 9 7	03/27/84	HONDA et al.			
	4 4 1 9 8 6 5	01/01/85	DANNA et al.			
	4 6 4 6 7 2 4	03/03/87	SATO et al.			
	4 6 7 9 5 6 0	07/14/87	GALBRAITH			
	4 6 8 9 6 2 1	08/25/87	KLEINBERG			
	4 7 4 1 3 2 7	05/03/88	YABE			
	4 8 4 4 0 7 6	07/04/89	LESHO et al.			
	4 9 1 7 0 9 7	04/17/90	PROUDIAN, DECEASED et al.			
	4 9 3 6 8 2 3	06/26/90	COLVIN et al.			
	4 9 5 1 1 3 5	08/21/90	SASAGAWA et al.			

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Hiroyuki KOBAYASHI et al.

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<i>B</i>	5 0 1 0 4 1 2	08/23/91	GARRISS			
<i>B</i>	5 0 4 2 4 8 6	08/27/91	PFEILER et al.			
	5 0 9 9 8 4 5	03/31/92	BESZ et al.			
	5 1 6 6 7 8 7	11/24/92	IRION			
	5 1 6 7 6 2 6	12/01/92	CASPER et al.			
	5 1 7 0 8 0 1	12/15/92	CASPER et al.			
	5 1 8 7 5 7 2	02/16/93	NAKAMURA et al.			
	5 2 1 7 4 4 9	06/08/93	YUDA et al.			
	5 2 2 2 4 7 7	06/29/93	LIA			
	5 2 4 1 9 6 1	09/07/93	HENRY			
	5 2 5 3 6 4 7	10/19/93	TAKAHASHI et al.			
	5 2 6 7 0 3 3	11/30/93	HOSHINO			
	5 2 7 3 0 2 5	12/28/93	SAKIYAMA et al.			
	5 2 7 9 6 0 7	01/18/94	SCHENTAG et al.			
	5 3 1 6 0 1 5	05/13/94	SINAIKO			
	5 3 3 5 6 6 2	08/09/94	KIMURA et al.			
	5 3 5 8 5 1 4	10/25/94	SCHULMAN et al.			
	5 3 6 8 0 2 7	11/29/94	LUBBERS et al.			
	5 3 7 2 1 3 3	12/13/94	HOGEN ESCH			
	5 3 7 3 8 4 0	12/20/94	KNIGHTON			
	5 3 7 5 5 9 6	12/27/94	TWISS et al.			
	5 4 1 5 1 8 1	05/16/95	HOGREFE et al.			
	5 4 2 2 6 3 6	06/06/95	URBAS et al.			
	5 4 2 9 1 3 2	07/04/95	GUY et al.			
	5 4 4 3 0 6 6	08/22/95	DUMOULIN et al.			
	5 4 4 8 9 9 0	09/12/95	DE FARIA-CORREA			
<i>↓</i>	5 4 9 5 1 1 4	02/27/96	ADAIR			

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		5 6 0 3 6 8 7	02/18/97	HORI et al.	1		
		5 6 6 2 5 8 7	09/02/97	GRUNDFEST et al.			
		5 6 7 4 2 6 5	10/07/97	DESCHAMPSE et al.			
		5 6 8 1 0 2 0	10/28/97	BUCK			
		5 8 1 9 7 3 6	10/13/98	AVNY et al.			
		5 9 9 3 3 7 8	11/30/99	LEMELSON			
		6 6 3 2 2 1 6	10/14/03	HOZEGO et al.			
		4 0 9 0 1 7 6	05/16/78	RODLER			
	4 2 7 8 0 7 7	07/14/81	MIZUMOTO				

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Patent and Trademark Office**

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Unknown

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			English language Translation for JP Appln. No. 2001-245844.

EXAMINER B. FLANAGAN

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